



BUREAU
VERITAS

Band	UNII-2A
Mode	HE40
Frequency	5270 MHz
Ant	1
0RU	9RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.270000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.27000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.446 MHz Total Power 20.5 dBm Transmit Freq Error -866.21 kHz % of OBW Power 99.00 % x dB Bandwidth 39.66 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.270000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.27000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 36.069 MHz Total Power 20.5 dBm Transmit Freq Error -73.494 kHz % of OBW Power 99.00 % x dB Bandwidth 38.00 MHz x dB -26.00 dB
17RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.270000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.27000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.648 MHz Total Power 19.9 dBm Transmit Freq Error 682.60 kHz % of OBW Power 99.00 % x dB Bandwidth 39.52 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.270000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.27000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.947 MHz Total Power 19.0 dBm Transmit Freq Error -32.437 kHz % of OBW Power 99.00 % x dB Bandwidth 42.93 MHz x dB -26.00 dB



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Band	UNII-2A
Mode	HE40
Frequency	5310 MHz
Ant	1
0RU	9RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.310000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.31000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.551 MHz Total Power 19.4 dBm Transmit Freq Error -807.13 kHz % of OBW Power 99.00 % x dB Bandwidth 39.79 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.310000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.31000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 36.218 MHz Total Power 19.6 dBm Transmit Freq Error -44.426 kHz % of OBW Power 99.00 % x dB Bandwidth 38.14 MHz x dB -26.00 dB
17RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.310000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.31000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.327 MHz Total Power 19.4 dBm Transmit Freq Error 805.82 kHz % of OBW Power 99.00 % x dB Bandwidth 39.34 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.310000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.31000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.921 MHz Total Power 19.7 dBm Transmit Freq Error -17.117 kHz % of OBW Power 99.00 % x dB Bandwidth 43.07 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2A
Mode	HE80
Frequency	5290 MHz
Ant	1
0RU	18RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.290000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.29000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.517 MHz Total Power 21.5 dBm Transmit Freq Error -1.7688 MHz % of OBW Power 99.00 % x dB Bandwidth 81.09 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.290000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.29000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 75.049 MHz Total Power 21.4 dBm Transmit Freq Error 34.651 kHz % of OBW Power 99.00 % x dB Bandwidth 78.42 MHz x dB -26.00 dB
36RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.290000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.29000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.570 MHz Total Power 21.6 dBm Transmit Freq Error 1.3952 MHz % of OBW Power 99.00 % x dB Bandwidth 80.22 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.290000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.29000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.645 MHz Total Power 19.9 dBm Transmit Freq Error -112.00 kHz % of OBW Power 99.00 % x dB Bandwidth 86.99 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2A
Mode	HE20
Frequency	5260 MHz
Ant	2
0RU	4RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.260000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.26000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.227 MHz Total Power 20.4 dBm Transmit Freq Error -646.73 kHz % of OBW Power 99.00 % x dB Bandwidth 19.77 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.260000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.26000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 16.759 MHz Total Power 20.4 dBm Transmit Freq Error 20.511 kHz % of OBW Power 99.00 % x dB Bandwidth 18.31 MHz x dB -26.00 dB
8RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.260000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.26000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.270 MHz Total Power 20.3 dBm Transmit Freq Error 566.01 kHz % of OBW Power 99.00 % x dB Bandwidth 19.68 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.260000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.26000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.986 MHz Total Power 22.1 dBm Transmit Freq Error -27.144 kHz % of OBW Power 99.00 % x dB Bandwidth 21.88 MHz x dB -26.00 dB



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Band	UNII-2A
Mode	HE20
Frequency	5300 MHz
Ant	2
0RU	4RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.300000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.30000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.227 MHz Total Power 19.7 dBm Transmit Freq Error -580.33 kHz % of OBW Power 99.00 % x dB Bandwidth 19.55 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.300000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.30000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 17.057 MHz Total Power 19.8 dBm Transmit Freq Error -39.409 kHz % of OBW Power 99.00 % x dB Bandwidth 18.28 MHz x dB -26.00 dB
8RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.300000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.30000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.300 MHz Total Power 19.6 dBm Transmit Freq Error 563.33 kHz % of OBW Power 99.00 % x dB Bandwidth 19.67 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.300000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.30000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.977 MHz Total Power 21.9 dBm Transmit Freq Error -35.389 kHz % of OBW Power 99.00 % x dB Bandwidth 21.78 MHz x dB -26.00 dB



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Band	UNII-2A
Mode	HE20
Frequency	5320 MHz
Ant	2
0RU	4RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.32000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.32000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.305 MHz Total Power 19.9 dBm Transmit Freq Error -679.05 kHz % of OBW Power 99.00 % x dB Bandwidth 19.72 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.32000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.32000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 16.928 MHz Total Power 20.0 dBm Transmit Freq Error 7.222 kHz % of OBW Power 99.00 % x dB Bandwidth 17.94 MHz x dB -26.00 dB
8RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.32000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.32000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.296 MHz Total Power 19.7 dBm Transmit Freq Error 579.31 kHz % of OBW Power 99.00 % x dB Bandwidth 19.62 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.32000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.32000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.992 MHz Total Power 21.7 dBm Transmit Freq Error -33.278 kHz % of OBW Power 99.00 % x dB Bandwidth 21.38 MHz x dB -26.00 dB



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Band	UNII-2A
Mode	HE40
Frequency	5270 MHz
Ant	2
0RU	9RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.270000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.27000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.637 MHz Total Power 20.9 dBm Transmit Freq Error -822.78 kHz % of OBW Power 99.00 % x dB Bandwidth 39.72 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.270000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.27000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 35.846 MHz Total Power 21.2 dBm Transmit Freq Error 87.305 kHz % of OBW Power 99.00 % x dB Bandwidth 38.00 MHz x dB -26.00 dB
17RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.270000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.27000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.933 MHz Total Power 20.7 dBm Transmit Freq Error 648.36 kHz % of OBW Power 99.00 % x dB Bandwidth 39.53 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.270000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.27000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.959 MHz Total Power 20.3 dBm Transmit Freq Error 7.307 kHz % of OBW Power 99.00 % x dB Bandwidth 42.97 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2A
Mode	HE40
Frequency	5310 MHz
Ant	2
0RU	9RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.310000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.31000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.497 MHz Total Power 20.3 dBm Transmit Freq Error -873.29 kHz % of OBW Power 99.00 % x dB Bandwidth 39.67 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.310000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.31000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 35.817 MHz Total Power 20.6 dBm Transmit Freq Error -69.975 kHz % of OBW Power 99.00 % x dB Bandwidth 38.00 MHz x dB -26.00 dB
17RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.310000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.31000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.674 MHz Total Power 20.3 dBm Transmit Freq Error 611.65 kHz % of OBW Power 99.00 % x dB Bandwidth 39.55 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.310000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.31000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.953 MHz Total Power 19.8 dBm Transmit Freq Error -3.888 kHz % of OBW Power 99.00 % x dB Bandwidth 43.09 MHz x dB -26.00 dB



Band	UNII-2A
Mode	HE80
Frequency	5290 MHz
Ant	2
0RU	18RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.290000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.29000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.741 MHz Total Power 21.3 dBm Transmit Freq Error -1.7167 MHz % of OBW Power 99.00 % x dB Bandwidth 81.72 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.290000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.29000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 74.858 MHz Total Power 21.2 dBm Transmit Freq Error -125.51 kHz % of OBW Power 99.00 % x dB Bandwidth 78.25 MHz x dB -26.00 dB
36RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.290000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.29000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.991 MHz Total Power 20.8 dBm Transmit Freq Error 1.3824 MHz % of OBW Power 99.00 % x dB Bandwidth 81.12 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.290000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.29000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.614 MHz Total Power 19.5 dBm Transmit Freq Error -10.542 kHz % of OBW Power 99.00 % x dB Bandwidth 85.47 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2C
Mode	HE20
Frequency	5500 MHz
Ant	1
0RU	4RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Coupling DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.500000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.50000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.307 MHz Total Power 19.7 dBm Transmit Freq Error -570.87 kHz % of OBW Power 99.00 % x dB Bandwidth 19.51 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Coupling DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.500000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.50000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 17.044 MHz Total Power 19.4 dBm Transmit Freq Error 79.462 kHz % of OBW Power 99.00 % x dB Bandwidth 18.40 MHz x dB -26.00 dB
8RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Coupling DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.500000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.50000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.008 MHz Total Power 19.4 dBm Transmit Freq Error 673.98 kHz % of OBW Power 99.00 % x dB Bandwidth 19.21 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Coupling DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.500000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.50000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.938 MHz Total Power 21.8 dBm Transmit Freq Error -18.176 kHz % of OBW Power 99.00 % x dB Bandwidth 21.04 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2C
Mode	HE20
Frequency	5600 MHz
Ant	1
0RU	4RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.600000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Center 5.60000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.284 MHz Total Power 19.4 dBm Transmit Freq Error -603.27 kHz % of OBW Power 99.00 % x dB Bandwidth 19.55 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.600000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Center 5.60000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 17.153 MHz Total Power 19.1 dBm Transmit Freq Error -49.856 kHz % of OBW Power 99.00 % x dB Bandwidth 18.51 MHz x dB -26.00 dB
8RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.600000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Center 5.60000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.259 MHz Total Power 19.4 dBm Transmit Freq Error 558.51 kHz % of OBW Power 99.00 % x dB Bandwidth 19.54 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.600000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Center 5.60000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.954 MHz Total Power 21.1 dBm Transmit Freq Error -6.989 kHz % of OBW Power 99.00 % x dB Bandwidth 21.17 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2C
Mode	HE20
Frequency	5700 MHz
Ant	1
0RU	4RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.700000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.70000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.157 MHz Total Power 19.4 dBm Transmit Freq Error -651.77 kHz % of OBW Power 99.00 % x dB Bandwidth 19.87 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.700000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.70000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 17.189 MHz Total Power 19.3 dBm Transmit Freq Error -73.173 kHz % of OBW Power 99.00 % x dB Bandwidth 18.50 MHz x dB -26.00 dB
8RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.700000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.70000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.344 MHz Total Power 19.3 dBm Transmit Freq Error 510.44 kHz % of OBW Power 99.00 % x dB Bandwidth 19.52 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.700000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.70000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.949 MHz Total Power 20.8 dBm Transmit Freq Error -12.876 kHz % of OBW Power 99.00 % x dB Bandwidth 21.00 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2C
Mode	HE40
Frequency	5510 MHz
Ant	1
0RU	9RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Coupling DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.510000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.51000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.763 MHz Total Power 19.7 dBm Transmit Freq Error -802.15 kHz % of OBW Power 99.00 % x dB Bandwidth 39.78 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Coupling DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.510000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.51000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 35.697 MHz Total Power 20.5 dBm Transmit Freq Error 122.02 kHz % of OBW Power 99.00 % x dB Bandwidth 37.77 MHz x dB -26.00 dB
17RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Coupling DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.510000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.51000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.634 MHz Total Power 19.9 dBm Transmit Freq Error 668.39 kHz % of OBW Power 99.00 % x dB Bandwidth 39.47 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Coupling DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.510000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.51000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.929 MHz Total Power 21.5 dBm Transmit Freq Error -53.772 kHz % of OBW Power 99.00 % x dB Bandwidth 43.26 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2C
Mode	HE40
Frequency	5590 MHz
Ant	1
0RU	9RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.590000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.59000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.587 MHz Total Power 20.1 dBm Transmit Freq Error -839.58 kHz % of OBW Power 99.00 % x dB Bandwidth 39.79 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.590000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.59000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 36.142 MHz Total Power 20.2 dBm Transmit Freq Error -141.99 kHz % of OBW Power 99.00 % x dB Bandwidth 38.18 MHz x dB -26.00 dB
17RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.590000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.59000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.632 MHz Total Power 20.0 dBm Transmit Freq Error 700.37 kHz % of OBW Power 99.00 % x dB Bandwidth 39.45 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.590000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.59000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.993 MHz Total Power 18.8 dBm Transmit Freq Error -35.564 kHz % of OBW Power 99.00 % x dB Bandwidth 42.73 MHz x dB -26.00 dB



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VERITAS

Band		UNII-2C	
Mode		HE40	
Frequency		5670 MHz	
Ant		1	
0RU		9RU	
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.670000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.67000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.739 MHz Total Power 19.9 dBm Transmit Freq Error -741.66 kHz % of OBW Power 99.00 % x dB Bandwidth 39.55 MHz x dB -26.00 dB		Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.670000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.67000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 36.223 MHz Total Power 20.6 dBm Transmit Freq Error -119.65 kHz % of OBW Power 99.00 % x dB Bandwidth 38.08 MHz x dB -26.00 dB	
17RU		SU	
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.670000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.67000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.695 MHz Total Power 20.2 dBm Transmit Freq Error 680.54 kHz % of OBW Power 99.00 % x dB Bandwidth 39.55 MHz x dB -26.00 dB		Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.670000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Ref Value 25.00 dBm Center 5.67000 GHz #Res BW 390.00 kHz #Video BW 1.2000 MHz Span 80 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 37.985 MHz Total Power 19.8 dBm Transmit Freq Error -28.230 kHz % of OBW Power 99.00 % x dB Bandwidth 42.39 MHz x dB -26.00 dB	



BUREAU
VERITAS

Band	UNII-2C
Mode	HE80
Frequency	5530 MHz
Ant	1
0RU	18RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.530000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.53000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 78.255 MHz Total Power 20.9 dBm Transmit Freq Error -1.6667 MHz % of OBW Power 99.00 % x dB Bandwidth 81.43 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.530000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.53000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 74.993 MHz Total Power 20.6 dBm Transmit Freq Error -135.36 kHz % of OBW Power 99.00 % x dB Bandwidth 78.51 MHz x dB -26.00 dB
36RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.530000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.53000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.895 MHz Total Power 20.6 dBm Transmit Freq Error 1.3317 MHz % of OBW Power 99.00 % x dB Bandwidth 80.74 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.530000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.53000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.566 MHz Total Power 19.3 dBm Transmit Freq Error -64.801 kHz % of OBW Power 99.00 % x dB Bandwidth 87.38 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2C
Mode	HE80
Frequency	5610 MHz
Ant	1
0RU	18RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.610000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.61000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.972 MHz Total Power 20.6 dBm Transmit Freq Error -1.6382 MHz % of OBW Power 99.00 % x dB Bandwidth 81.73 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.610000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.61000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 75.011 MHz Total Power 20.7 dBm Transmit Freq Error -24.617 kHz % of OBW Power 99.00 % x dB Bandwidth 78.24 MHz x dB -26.00 dB
36RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.610000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.61000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.905 MHz Total Power 20.5 dBm Transmit Freq Error 1.4070 MHz % of OBW Power 99.00 % x dB Bandwidth 81.08 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.610000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.61000 GHz #Res BW 820.00 kHz #Video BW 2.4000 MHz Span 160 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 77.555 MHz Total Power 19.2 dBm Transmit Freq Error -30.217 kHz % of OBW Power 99.00 % x dB Bandwidth 87.26 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2C
Mode	HE20
Frequency	5500 MHz
Ant	2
0RU	4RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.500000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.50000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.252 MHz Total Power 20.2 dBm Transmit Freq Error -583.51 kHz % of OBW Power 99.00 % x dB Bandwidth 19.47 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.500000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.50000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 16.956 MHz Total Power 20.6 dBm Transmit Freq Error -18.542 kHz % of OBW Power 99.00 % x dB Bandwidth 18.17 MHz x dB -26.00 dB
8RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.500000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.50000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.151 MHz Total Power 20.1 dBm Transmit Freq Error 632.46 kHz % of OBW Power 99.00 % x dB Bandwidth 19.42 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.500000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.50000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.990 MHz Total Power 22.4 dBm Transmit Freq Error -24.539 kHz % of OBW Power 99.00 % x dB Bandwidth 21.23 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2C
Mode	HE20
Frequency	5600 MHz
Ant	2
0RU	4RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.600000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.60000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.316 MHz Total Power 19.9 dBm Transmit Freq Error -578.27 kHz % of OBW Power 99.00 % x dB Bandwidth 19.62 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.600000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.60000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 17.014 MHz Total Power 19.9 dBm Transmit Freq Error 64.765 kHz % of OBW Power 99.00 % x dB Bandwidth 18.20 MHz x dB -26.00 dB
8RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.600000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.60000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 17.892 MHz Total Power 19.6 dBm Transmit Freq Error 759.16 kHz % of OBW Power 99.00 % x dB Bandwidth 19.72 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.600000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log Ref Value 25.00 dBm Center 5.60000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.978 MHz Total Power 20.5 dBm Transmit Freq Error -941 Hz % of OBW Power 99.00 % x dB Bandwidth 21.55 MHz x dB -26.00 dB



BUREAU
VERITAS

Band	UNII-2C
Mode	HE20
Frequency	5700 MHz
Ant	2
0RU	4RU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.700000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Center 5.70000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.312 MHz Total Power 20.7 dBm Transmit Freq Error -555.43 kHz % of OBW Power 99.00 % x dB Bandwidth 19.66 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.700000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Center 5.70000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 16.719 MHz Total Power 20.7 dBm Transmit Freq Error 82.901 kHz % of OBW Power 99.00 % x dB Bandwidth 18.19 MHz x dB -26.00 dB
8RU	SU
Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.700000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Center 5.70000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.134 MHz Total Power 20.4 dBm Transmit Freq Error 638.17 kHz % of OBW Power 99.00 % x dB Bandwidth 19.34 MHz x dB -26.00 dB	Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: On Freq Ref: Int (S) NFE: Adaptive Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 5.700000000 GHz Avg/Hold: 500/500 Radio Std: None 1 Graph Scale/Div 10.0 dB Log 15.0 5.00 5.00 15.0 25.0 35.0 45.0 55.0 65.0 Center 5.70000 GHz #Res BW 200.00 kHz #Video BW 620.00 kHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 18.982 MHz Total Power 22.1 dBm Transmit Freq Error -9.206 kHz % of OBW Power 99.00 % x dB Bandwidth 21.44 MHz x dB -26.00 dB